

# 839 Project Cost Reporting

Functional Group ID=**PK**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Project Cost Reporting Transaction Set (839) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the transmission of cost and schedule information to support performance measurement (earned value), program management reporting, and contract funds status reporting. This transaction set will also support the Department of Defense (DoD), Department of Energy (DoE), NASA, and other government agency Cost/Schedule Control Systems Criteria (C/SCSC) and funds status reporting requirements. It is designed to serve the needs of government agencies, prime contractors, and their subcontractors.

## Notes:

1. This guide addresses how the 839 Project Cost Reporting transaction set can be used to send Contract Funds Status Report (CFSR) data electronically to a government customer.
2. This guide is designed to be used when a Contract Data Requirements List (CDRL) for a given contract specifies the Contract Funds Status Report (CFSR) Data Item Description (DID) DI-MGMT-81468.
3. There are two appendices for this implementation convention. The example appendix provides additional reference information on how this transaction set is used to exchange funds data electronically. The other appendix is a form cross reference table that outlines how the CFSR DID requirements are mapped to the X12 standard EDI format.

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCS	Beginning Segment for Project Cost Reporting	M	1		
	030	REF	Reference Numbers	O	100		
N/U	040	DLV	Deliverable Information	O	10		
	050	AMT	Monetary Amount	O	30		
N/U	060	PCT	Percent Amounts	O	30		
	070	DTM	Date/Time Reference	O	30		
LOOP ID - CFT						100	
Must Use	080	CFT	Cost Reporting Format Type	M	1		
	085	CAL	Calendar	O	50		
LOOP ID - BSD						>1	
	090	BSD	Breakdown Structure Description	O	1		
	100	REF	Reference Numbers	O	100		
	105	DTM	Date/Time Reference	O	50		
	110	AMT	Monetary Amount	O	100		
N/U	115	QTY	Quantity	O	100		

## 839 - Project Cost Reporting (Contract Funds Status Report)

	120	PAM	Period Amount	O	100		
N/U	130	PCT	Percent Amounts	O	100		
	140	MSG	Message Text	O	1000		
LOOP ID - N1					200		
Must Use	150	N1	Name	M	1	n1	
	160	N2	Additional Name Information	O	1		
	170	N3	Address Information	O	1		
	180	N4	Geographic Location	O	1		
	190	PER	Administrative Communications Contact	O	10		
N/U	195	REF	Reference Numbers	O	10		
	200	DTM	Date/Time Reference	O	10		
Must Use	210	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. At least one iteration of the N1 loop is required to identify the contractor.

**Segment:** **ST** **Transaction Set Header**  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use ST01	143	Transaction Set Identifier Code	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		839 X12.31 Project Cost Reporting		
Must Use ST02	329	Transaction Set Control Number	M	AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		<i>A unique number assigned by the originator of the transaction set or by the originator's application system. This number is the same as the number in SE02.</i>		

**Segment:** **BCS** **Beginning Segment for Project Cost Reporting**  
**Position:** 020  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the project cost reporting transaction set, and information to identify a program name, number, contract type, and security classification.

**Syntax Notes:**

- Semantic Notes:**
- 1 BCS02 is the transaction set date.
  - 2 BCS04 is the report effective date.
  - 3 BCS06 is the program name.
  - 4 BCS07 is the program number identification.
  - 5 BCS10 is the customer share ratio number.
  - 6 BCS11 is the contractor share ratio number.
  - 7 BCS12 is the notation for the total project monetary costs.  
 If BCS12 is absent, the total project monetary costs are assumed to be whole dollar amounts.

**Comments:****Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	<b>M ID 2/2</b>
<b>Must Use BCS01</b>	<b>353 Transaction Set Purpose Code</b>	
	Code identifying purpose of transaction set	
	00 Original	
	<i>This code is typically used for transmitting the funds status data.</i>	
	05 Replace	
	<i>Use this code to overwrite any previously transmitted data for a given reporting period - i.e., old data is deleted and new data is entered into the database.</i>	
	14 Advance Notification	
	<i>Use this code in the event preliminary funds status data must be transmitted for a given reporting period. This preliminary transmission is then followed with a final transmission (code 20) to provide the final funds status data for the given reporting period.</i>	
	20 Final Transmission	
	<i>Use this code to transmit final funds status data when preliminary data (code 14) has been sent for a given reporting period.</i>	
	22 Information Copy	

<b>Must Use</b>	<b>BCS02</b>	<b>373</b>	<b>Date</b>	<b>M DT 6/6</b>
			Date (YYMMDD)	
			<i>Enter the date the data report was created. This date is used for reference purposes only.</i>	
<b>Must Use</b>	<b>BCS03</b>	<b>367</b>	<b>Contract Number</b>	<b>M AN 1/30</b>
			Contract number	
			<i>Enter the contract number.</i>	
<b>Must Use</b>	<b>BCS04</b>	<b>373</b>	<b>Date</b>	<b>M DT 6/6</b>
			Date (YYMMDD)	
			<i>Enter the report effective date, this is typically the reporting period end date.</i>	
<b>Must Use</b>	<b>BCS05</b>	<b>1166</b>	<b>Contract Type Code</b>	<b>O ID 2/2</b>
			Code identifying a contract type	
			CW	Cost Plus Award Fee
			CX	Cost Plus Fixed Fee
			CY	Cost Plus Incentive Fee
			FD	Fixed Price Redetermination
			FE	Fixed Price with Escalation
			FI	Fixed Price Incentive
			FR	Firm Fixed Price
			OC	Other Contract Type
			<i>Use the REF (1/030) segment to provide a description of the contract type when this code is used.</i>	
			TM	Time and Materials
<b>Must Use</b>	<b>BCS06</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
			<i>Provide a name or short description of the program.</i>	
<b>N/U</b>	<b>BCS07</b>	<b>127</b>	<b>Reference Number</b>	<b>O AN 1/30</b>
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>N/U</b>	<b>BCS08</b>	<b>1193</b>	<b>Program Type Code</b>	<b>O ID 2/2</b>
			Codes identifying a program type	
	<b>BCS09</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the information following	
			<i>Typically all data is assumed to be company proprietary information and is treated as government non-classified information (code 90). In the event codes 92, 93, or 94 are used, additional security measures such as encryption are used to protect the data.</i>	
			11	Competition Sensitive

			90	Government Non-Classified			
			92	Government Confidential			
			93	Government Secret			
			94	Government Top Secret			
N/U	BCS10	954	Percent		O	R	1/10
			Percentage expressed as a decimal				
N/U	BCS11	954	Percent		O	R	1/10
			Percentage expressed as a decimal				
	BCS12	355	Unit or Basis for Measurement Code		O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
			<i>Use this data element to indicate all total contract monetary amounts have been factored (for example, numbers represent dollars in thousands). Use the CFT (Cost Reporting Format Type) segment to indicate the monetary amount factor used for a given funds status report at the detail level.</i>				
			DO	Dollars, U.S.			
				<i>Use this code when the monetary amounts have NOT been factored.</i>			
			HU	Hundred			
				<i>Use this code to indicate monetary amounts have been factored by a hundred -- i.e., hundreds of dollars.</i>			
			R5	Thousands of Dollars			
			R6	Millions of Dollars			

**Segment:** **REF** Reference Numbers  
**Position:** 030  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		93 Funds Authorization	
		<i>Use this code to provide a unique reference number for this Project Cost Reporting (839) transaction set and contract funds status data. Enter the unique reference number for this transaction set in REF02. Use this code only one time for each 839 transaction set.</i>	
		AT Appropriation Number	
		<i>Typically, CFT08 (Appropriation Code) is used to identify the type or general category of appropriation. Use this code along with REF03 to provide a description of the appropriation (name). This code can also be used when CFT08 is code "ZZ" (used for other appropriation types) to provide a description of the appropriation type.</i>	
		C4 Change Number	
		<i>Use this code to identify the latest modification number associated with the contract number. Enter the number in REF02.</i>	
		CT Contract Number	
		<i>Use this code when BCS05 is code "OC" for other contract types. Enter the description of the contract type in REF03.</i>	
		DX Department/Agency Number	
		<i>Use this code to provide a DoD Component name. Enter the name of the DoD Component in REF03.</i>	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN</b>	<b>1/80</b>
		A free-form description to clarify the related data elements and their content			
		<i>Use this data element when REF01 is code 93 or C4.</i>			
		<i>Use this data element when REF01 is code AT, CT, or DX.</i>			



**Segment:** **AMT** Monetary Amount  
**Position:** 050  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 30  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is required. Use this segment to provide all header (i.e., title block) monetary amount information.*

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/2
		Code to qualify amount	
		64 Initial Contract Price Target	
		65 Initial Contract Price Ceiling	
		66 Adjusted Contract Price Target	
		67 Adjusted Contract Price Ceiling	
Must Use	AMT02	782 Monetary Amount	M R 1/15
		Monetary amount	
		<i>For all monetary amounts, if entering factored monetary amount such as thousands of dollars (notation from BCS12), use only one decimal place when applicable.</i>	
N/U	AMT03	478 Credit/Debit Flag Code	O ID 1/1
		Code indicating whether amount is a credit or debit	

**Segment:** **DTM** **Date/Time Reference**

**Position:** 070

**Loop:**

**Level:**

**Usage:** Optional

**Max Use:** 30

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM06 is required.  
**2** If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *This segment is required. Use this segment to provide all header (i.e., title block) date information.*

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use	DTM01		374	Date/Time Qualifier	M	ID	3/3
				Code specifying type of date or time, or both date and time			
				283	Funds Appropriation - Start		
					Use this code to indicate the beginning date for the contract funding.		
				284	Funds Appropriation - End		
					Use this code to indicate the ending date for the contract funding.		
				723	Current Month Ending		
					Use this code to indicate the current report date for the funds status data.		
				724	Previous Month Ending		
					Use this code to indicate the previous report date for the funds status data.		
Must Use	DTM02		373	Date	X	DT	6/6
				Date (YYMMDD)			
N/U	DTM03		337	Time	X	TM	4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
N/U	DTM04		623	Time Code	O	ID	2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			

N/U	DTM05	624	<b>Century</b>	O	N0	2/2
			The first two characters in the designation of the year (CCYY)			
N/U	DTM06	1250	<b>Date Time Period Format Qualifier</b>	X	ID	2/3
			Code indicating the date format, time format, or date and time format			
N/U	DTM07	1251	<b>Date Time Period</b>	X	AN	1/35
			Expression of a date, a time, or range of dates, times or dates and times			

**Segment:** **CFT** **Cost Reporting Format Type**

**Position:** 080

**Loop:** CFT

**Level:**

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the cost reporting type, type of units reported, and funds details for the Contract Funds Status Report (CFSR)

**Syntax Notes:**

- Semantic Notes:**
- 1 If CFT01 equals CY, then CFT03, CFT04, CFT05, CFT06, CFT07 and CFT08 are required.
  - 2 CFT02 is the notation for the report monetary costs or quantities.  
If CFT02 is blank, the report monetary costs are assumed to be in whole dollar amounts.
  - 3 CFT04 and CFT05 are used for the funds appropriation start date.
  - 4 CFT06 and CFT07 are used for the funds appropriation end date.

**Comments:**

**Data Element Summary**

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use CFT01	755	<b>Report Type Code</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
		Code indicating the title or contents of a document, report or supporting item			
		CY Contract Funds Status Report (CFSR)			
Must Use CFT02	355	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		<i>Use this data element to indicate the monetary amount factor for the funds status report detail data.</i>			
		DO Dollars, U.S.			
		<i>Use this code when the monetary amounts have NOT been factored.</i>			
		HU Hundred			
		<i>Use this code to indicate the monetary amounts have been factored by a hundred -- i.e., hundreds of dollars.</i>			
		R5 Thousands of Dollars			
		R6 Millions of Dollars			
CFT03	1198	<b>Contracting Funding Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the funding type			
		01 Multi-Year Procurement			
		02 Incrementally Funded Contract (INC)			
		03 Contract for a Single Year (SYC)			

<b>CFT04</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>O</b>	<b>ID</b>	<b>3/3</b>
		Code specifying type of date or time, or both date and time			
		090 Report Start			
<b>CFT05</b>	<b>373</b>	<b>Date</b>	<b>O</b>	<b>DT</b>	<b>6/6</b>
		Date (YYMMDD)			
		<i>For contracts which are financed with funds appropriated in more than one fiscal year, enter the fiscal year start date for this report.</i>			
<b>CFT06</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>O</b>	<b>ID</b>	<b>3/3</b>
		Code specifying type of date or time, or both date and time			
		091 Report End			
<b>CFT07</b>	<b>373</b>	<b>Date</b>	<b>O</b>	<b>DT</b>	<b>6/6</b>
		Date (YYMMDD)			
		<i>For contracts which are financed with funds appropriated in more than one fiscal year, enter the fiscal year ending date for this report.</i>			
<b>CFT08</b>	<b>1199</b>	<b>Appropriation Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code indicating the funds appropriation			
		01 Research, Development, Test & Evaluation (RDT&E)			
		02 Procurement (PROC)			
		03 Operations and Maintenance (O&M)			
		04 Military Construction (MILCOM)			
		ZZ Mutually Defined			
		<i>Use this code when other appropriation types need to be identified. Use the REF (1/030) segment to provide this information (REF01 is code AT, REF03 contains the appropriation description).</i>			

**Segment:** **CAL** Calendar

**Position:** 085

**Loop:** CFT

**Level:**

**Usage:** Optional

**Max Use:** 50

**Purpose:** To identify the calendar and working shift details for the plan or schedule

**Syntax Notes:** 1 If either CAL14 or CAL15 is present, then the other is required.

**Semantic Notes:** 1 CAL01 identifies whether a reference number is a calendar or shift.

**Comments:**

**Notes:** *This segment is required and used to describe the projected time frame columns at the bottom of the funds status report. Repeat this segment as needed to describe each projected time frame column. This includes a period number reference, number of reporting periods in a given time frame, and a short description.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>CAL01</b>	<b>128 Reference Number Qualifier</b>	<b>M ID 2/2</b>
		Code qualifying the Reference Number.	
		70 Calendar Number	
<b>Must Use</b>	<b>CAL02</b>	<b>127 Reference Number</b>	<b>M AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>Enter the period number "1", "2", "3", "4", "5", "6", "7", "8", or "9" to identify the projected time frames.</i>	
<b>N/U</b>	<b>CAL03</b>	<b>344 Unit of Time Period or Interval</b>	<b>O ID 2/2</b>
		Code indicating the time period or interval	
<b>N/U</b>	<b>CAL04</b>	<b>374 Date/Time Qualifier</b>	<b>O ID 3/3</b>
		Code specifying type of date or time, or both date and time	
<b>N/U</b>	<b>CAL05</b>	<b>373 Date</b>	<b>O DT 6/6</b>
		Date (YYMMDD)	
<b>N/U</b>	<b>CAL06</b>	<b>337 Time</b>	<b>O TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>N/U</b>	<b>CAL07</b>	<b>623 Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

N/U	CAL08	678	<b>Ship/Delivery or Calendar Pattern Code</b>	O	ID	1/2	Code which specifies the routine shipments, deliveries, or calendar pattern
N/U	CAL09	374	<b>Date/Time Qualifier</b>	O	ID	3/3	Code specifying type of date or time, or both date and time
N/U	CAL10	373	<b>Date</b>	O	DT	6/6	Date (YYMMDD)
N/U	CAL11	337	<b>Time</b>	O	TM	4/8	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
N/U	CAL12	623	<b>Time Code</b>	O	ID	2/2	Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow
N/U	CAL13	678	<b>Ship/Delivery or Calendar Pattern Code</b>	O	ID	1/2	Code which specifies the routine shipments, deliveries, or calendar pattern
Must Use	CAL14	673	<b>Quantity Qualifier</b>	X	ID	2/2	Code specifying the type of quantity 10 Calendar Units
Must Use	CAL15	380	<b>Quantity</b>	X	R	1/15	Numeric value of quantity <i>Enter the number of reporting months (or periods) for the projected time frame. For example, enter "3" for a quarter year, enter "12" for a fiscal or calendar year.</i>
	CAL16	369	<b>Free-form Description</b>	O	AN	1/45	Free-form descriptive text <i>Enter a short description of the projected time frame (for example, "FY98"). A maximum of four characters is recommended. This data element is optional.</i>

**Segment:** **BSD** Breakdown Structure Description  
**Position:** 090  
**Loop:** BSD  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To define discrete line items within industry or government reports  
**Syntax Notes:** 1 At least one of BSD02 or BSD03 is required.  
**Semantic Notes:** 1 BSD05 is the summary level structure code reference.  
**Comments:** 1 BSD07 is the summary level reporting structure identification.  
**Notes:** *This segment is required.*

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BSD01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. 74 Work Breakdown Structure (WBS)	<b>M ID 2/2</b>
Must Use	BSD02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Enter the appropriate element code. The receiving application for the government may have certain requirements for the element codes. Confirm any element code requirements (content and number of characters) with your customer.</i>	<b>X AN 1/30</b>
	BSD03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <i>This description is optional.</i>	<b>X AN 1/80</b>
Must Use	BSD04	1178	<b>Level</b> Reporting structure identification	<b>O AN 1/3</b>
N/U	BSD05	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>O AN 1/30</b>
	BSD06	1196	<b>Breakdown Structure Detail Code</b> Codes identifying details relating to a reporting breakdown structure tree 01 Labor 02 Material 04 Subcontract 06 Labor Overhead 07 Material Overhead 08 Other Overhead 33 General & Administrative	<b>O ID 2/2</b>



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			34	Cost of Money			
			35	Profit or Fee			
N/U	BSD07	1178	Level		O	AN	1/3
			Reporting structure identification				
N/U	BSD08	786	Security Level Code		O	ID	2/2
			Code indicating the level of confidentiality assigned by the sender to the information following				

**Segment:** **REF** **Reference Numbers**  
**Position:** 100  
**Loop:** BSD  
**Level:**  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
<b>Must Use</b>	<b>REF01</b>	<b>128 Reference Number Qualifier</b>	<b>M ID 2/2</b>
		Code qualifying the Reference Number.	
		<i>The receiving application for the government may have certain requirements for the REF qualifiers you can use and the number of characters that can be entered in REF02. Confirm these details with your customer.</i>	
		AT Appropriation Number	
		<i>Use this code to provide an appropriation identification for the element code described in BSD02. Use this code only one time for each BSD reference.</i>	
		IX Item Number	
		<i>Use this code for other line item reference numbers that relate to the element described in BSD02. Use this code only one time for each BSD reference.</i>	
<b>Must Use</b>	<b>REF02</b>	<b>127 Reference Number</b>	<b>X AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>N/U</b>	<b>REF03</b>	<b>352 Description</b>	<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content	

**Segment:** **DTM** **Date/Time Reference**

**Position:** 105

**Loop:** BSD

**Level:**

**Usage:** Optional

**Max Use:** 50

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM06 is required.  
**2** If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *Use this segment to provide any applicable date information for the element described in BSD02. Typically, this is the fiscal year that applies to the line item or element.*

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	<b>ID</b>
<b>Must Use</b>	<b>DTM01</b>	<b>374 Date/Time Qualifier</b>	<b>M ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		581 Contract Period	
<b>N/U</b>	<b>DTM02</b>	<b>373 Date</b>	<b>X DT 6/6</b>
		Date (YYMMDD)	
<b>N/U</b>	<b>DTM03</b>	<b>337 Time</b>	<b>X TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>N/U</b>	<b>DTM04</b>	<b>623 Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
<b>N/U</b>	<b>DTM05</b>	<b>624 Century</b>	<b>O N0 2/2</b>
		The first two characters in the designation of the year (CCYY)	
<b>Must Use</b>	<b>DTM06</b>	<b>1250 Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
		Code indicating the date format, time format, or date and time format	
<b>Must Use</b>	<b>DTM07</b>	<b>1251 Date Time Period</b>	<b>X AN 1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **AMT** Monetary Amount  
**Position:** 110  
**Loop:** BSD  
**Level:**  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is required.*

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
<b>Must Use</b>	<b>AMT01</b>	<b>522 Amount Qualifier Code</b>	<b>M ID 1/2</b>
		Code to qualify amount	
		68 Funds Authorized to Date	
		69 Accrued Expenditures	
		<i>Use this code for actual to date values.</i>	
		70 Open Commitments	
		<i>Use this code for actual to date values.</i>	
		71 Forecast of Billings	
		<i>Use this code for actual to date values.</i>	
		72 Estimated Termination Costs	
		<i>Use this code for actual to date values.</i>	
		73 Accrued Expenditures plus Open Commitments	
		74 Contract Work Authorized - Definitized	
		75 Contract Work Authorized - Not Definitized	
		76 Contract Work Authorized - Total	
		<i>Typically this value is calculated. Confirm with your customer if you need to transmit this information.</i>	
		77 Forecast of Work - Not Yet Authorized	
		78 Forecast of Work - All Other	
		79 Forecast of Work - Total	
		<i>Typically this value is calculated. Confirm with your customer if you need to transmit this information.</i>	
		80 Funding - Total Requirements	
		<i>Typically this value is calculated. Confirm with your customer if you need to transmit this information.</i>	

81 Funds Carryover

82 Net Funds Required

*Typically this value is calculated. Confirm with your customer if you need to transmit this information.*

<b>Must Use</b>	<b>AMT02</b>	<b>782</b>	<b>Monetary Amount</b>	<b>M R 1/15</b>
			Monetary amount	
			<i>For all monetary amounts, if entering factored amounts such as thousands of dollars (notation from CFT02), use only one decimal place when applicable.</i>	

<b>N/U</b>	<b>AMT03</b>	<b>478</b>	<b>Credit/Debit Flag Code</b>	<b>O ID 1/1</b>
			Code indicating whether amount is a credit or debit	

<b>Segment:</b>	<b>PAM</b> Period Amount
<b>Position:</b>	120
<b>Loop:</b>	BSD
<b>Level:</b>	
<b>Usage:</b>	Optional
<b>Max Use:</b>	100
<b>Purpose:</b>	To indicate a quantity, and/or amount for an identified period
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If any of PAM01 PAM02 or PAM03 is present, then all are required.</li> <li>2 At least one of PAM02 or PAM05 is required.</li> <li>3 If either PAM04 or PAM05 is present, then the other is required.</li> <li>4 If either PAM06 or PAM07 is present, then the other is required.</li> <li>5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.</li> <li>6 If PAM08 is present, then PAM07 is required.</li> <li>7 If PAM09 is present, then PAM07 is required.</li> <li>8 If PAM10 is present, then at least one of PAM11 or PAM12 is required.</li> <li>9 If PAM11 is present, then PAM10 is required.</li> <li>10 If either PAM13 or PAM14 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 PAM10, PAM11, or PAM12 are used when two dates are required.
<b>Comments:</b>	
<b>Notes:</b>	<i>This segment is used for the projected time frame column values on the funds status report. The projected time frames used in this segment directly relate to the time frames described in the CAL segment for the funds status report.</i>

## Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	<b>ID</b>
N/U	PAM01	<b>673 Quantity Qualifier</b> Code specifying the type of quantity	<b>X ID 2/2</b>
N/U	PAM02	<b>380 Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
N/U	PAM03	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>X ID 2/2</b>
Must Use	PAM04	<b>522 Amount Qualifier Code</b> Code to qualify amount 69 Accrued Expenditures 70 Open Commitments 71 Forecast of Billings 72 Estimated Termination Costs	<b>X ID 1/2</b>
Must Use	PAM05	<b>782 Monetary Amount</b> Monetary amount	<b>X R 1/15</b>
Must Use	PAM06	<b>344 Unit of Time Period or Interval</b> Code indicating the time period or interval CY Calendar Year	<b>X ID 2/2</b>

			FY	Fiscal Year			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
<b>Must Use</b>	<b>PAM07</b>	<b>374</b>	<b>Date/Time Qualifier</b>		<b>X</b>	<b>ID</b>	<b>3/3</b>
			Code specifying type of date or time, or both date and time				
			174	Month Ending			
			194	Period End			
			404	Year Ending			
<b>Must Use</b>	<b>PAM08</b>	<b>373</b>	<b>Date</b>		<b>X</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)				
			<i>Enter the month, period, or year ending date.</i>				
<b>N/U</b>	<b>PAM09</b>	<b>337</b>	<b>Time</b>		<b>X</b>	<b>TM</b>	<b>4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
<b>N/U</b>	<b>PAM10</b>	<b>374</b>	<b>Date/Time Qualifier</b>		<b>X</b>	<b>ID</b>	<b>3/3</b>
			Code specifying type of date or time, or both date and time				
<b>N/U</b>	<b>PAM11</b>	<b>373</b>	<b>Date</b>		<b>X</b>	<b>DT</b>	<b>6/6</b>
			Date (YYMMDD)				
<b>N/U</b>	<b>PAM12</b>	<b>337</b>	<b>Time</b>		<b>X</b>	<b>TM</b>	<b>4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
<b>N/U</b>	<b>PAM13</b>	<b>1004</b>	<b>Percent Qualifier</b>		<b>X</b>	<b>ID</b>	<b>1/2</b>
			Code to qualify percent				
<b>N/U</b>	<b>PAM14</b>	<b>954</b>	<b>Percent</b>		<b>X</b>	<b>R</b>	<b>1/10</b>
			Percentage expressed as a decimal				

**Segment:** **MSG** Message Text

**Position:** 140

**Loop:** BSD

**Level:**

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To provide a free form format that would allow the transmission of text information.

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Notes:** *Use this segment if you need to provide limited remarks or comments about the funds status data. Use is limited to 100 repetitions, any format is fine.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>			
	<b>Des.</b>	<b>Element</b>	<b>Name</b>		<b>Attributes</b>
Must Use	MSG01	933	Free-Form Message Text		M AN 1/264
			Free-form message text		
N/U	MSG02	934	Printer Carriage Control Code		O ID 2/2
			A field to be used for the control of the line feed of the receiving printer		



**Segment:** **N1** Name  
**Position:** 150  
**Loop:** N1  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.  
**Notes:** *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2, N3, and N4 as applicable when this information cannot be provided by using one of the codes listed in N103.*

#### Data Element Summary

Ref.	Data					
Des.	Element	Name		Attributes		
Must Use N101	98	Entity Identifier Code		M ID 2/2		
		Code identifying an organizational entity, a physical location, or an individual				
		FR	Message From			
			<i>Use this code to identify the organization sending the funds status data.</i>			
		TO	Message To			
			<i>Use this code to identify the organization receiving the funds status data.</i>			
		ZD	Party to Receive Reports			
			<i>Use this code to identify the organization that receives an information copy of the funds status data.</i>			
N102	93	Name		X AN 1/35		
		Free-form name				
N103	66	Identification Code Qualifier		X ID 1/2		
		Code designating the system/method of code structure used for Identification Code (67)				
		1	D-U-N-S Number, Dun & Bradstreet			
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
		10	Department of Defense Activity Address Code (DODAAC)			
		33	Commercial and Government Entity (CAGE)			

	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN</b>	<b>2/20</b>
			Code identifying a party or other code			
<b>N/U</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code describing entity relationship			
<b>N/U</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code identifying an organizational entity, a physical location, or an individual			

**Segment:** **N2** **Additional Name Information**  
**Position:** 160  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment should only be used when N102 is used and it is necessary to provide additional name information.*

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

**Segment:** **N3** **Address Information**  
**Position:** 170  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment should only be used when N102 is used.*

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4 Geographic Location**  
**Position:** 180  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.  
**Notes:** *This segment should only be used when N102 is used.*

#### Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
	N404	26	Country Code Code identifying the country	O ID 2/3
N/U	N405	309	Location Qualifier Code identifying type of location	X ID 1/2
N/U	N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

**Segment: PER Administrative Communications Contact****Position:** 190**Loop:** N1**Level:****Usage:** Optional**Max Use:** 10**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:****Comments:**

**Notes:** *At least one repetition of the PER segment is required per transaction set to identify a contact person for the report. This should be a specific individual's name.*

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
<b>Must Use PER01</b>	<b>366</b>	<b>Contact Function Code</b>	<b>M ID 2/2</b>
		Code identifying the major duty or responsibility of the person or group named	
		AA Authorized Representative	
		<i>Use this code for the sending contractor's contact person's name. This code is required.</i>	
		BD Buyer Name or Department	
		<i>Use this code to identify the sending contractor's organization or department. This code is optional.</i>	
		PP Program Manager	
		<i>Use this code to identify the receiving Program Manager or Program Office contact person's name. This code is optional.</i>	
<b>Must Use PER02</b>	<b>93</b>	<b>Name</b>	<b>O AN 1/35</b>
		Free-form name	
		<i>1. When PER01 is code AA or PP, enter the person's name. Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials. Omit the comma between the last name and first name.</i>	
		<i>2. When PER01 is code BD, enter the sending contractor's organization code or department reference.</i>	
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	

		TE	Telephone			
<b>PER04</b>	<b>364</b>	<b>Communication Number</b>		<b>X</b>	<b>AN</b>	<b>1/80</b>
		Complete communications number including country or area code when applicable				
<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b>		<b>X</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the type of communication number				
		EM	Electronic Mail			
		EX	Telephone Extension			
		FX	Facsimile			
		TE	Telephone			
<b>PER06</b>	<b>364</b>	<b>Communication Number</b>		<b>X</b>	<b>AN</b>	<b>1/80</b>
		Complete communications number including country or area code when applicable				
<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>		<b>X</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the type of communication number				
		EM	Electronic Mail			
		EX	Telephone Extension			
		FX	Facsimile			
		TE	Telephone			
<b>PER08</b>	<b>364</b>	<b>Communication Number</b>		<b>X</b>	<b>AN</b>	<b>1/80</b>
		Complete communications number including country or area code when applicable				
<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>		<b>O</b>	<b>AN</b>	<b>1/20</b>
		Additional reference number or description to clarify a contact number				
		<i>Use this data element when PER01 is code AA or PP to enter the title of the person named in PER02.</i>				

**Segment:** **DTM** **Date/Time Reference**

**Position:** 200

**Loop:** N1

**Level:**

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM06 is required.  
**2** If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *This segment is required.*

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>DTM01</b>	<b>374 Date/Time Qualifier</b>	<b>M ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		275 Approved	
		<i>Use this code to indicate the date the data was approved for submission.</i>	
<b>Must Use</b>	<b>DTM02</b>	<b>373 Date</b>	<b>X DT 6/6</b>
		Date (YYMMDD)	
<b>N/U</b>	<b>DTM03</b>	<b>337 Time</b>	<b>X TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>N/U</b>	<b>DTM04</b>	<b>623 Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
<b>N/U</b>	<b>DTM05</b>	<b>624 Century</b>	<b>O N0 2/2</b>
		The first two characters in the designation of the year (CCYY)	
<b>N/U</b>	<b>DTM06</b>	<b>1250 Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
		Code indicating the date format, time format, or date and time format	
<b>N/U</b>	<b>DTM07</b>	<b>1251 Date Time Period</b>	<b>X AN 1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times	



**Segment:** **SE** Transaction Set Trailer  
**Position:** 210  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>SE02 is the same number as the number in ST02.</i>	